



## Upgrade Your System to PCIe Performance

With up to 5000/4000MB/s<sup>1</sup> read/write speeds, the Lexar® NQ710 PCIe 4.0 SSD offers the performance you need. Its PCIe 4.0 interface, NVMe protocol, and HMB and SLC cache technologies deliver an improved user experience while capacities up to 4TB ensure that you have room for all your files and projects.

**Boost Your System with PCIe 4.0 Performance.** Power up your computer with read/write speeds up to 5000/4000MB/s<sup>1</sup>.

**Speed You Can Feel.** At up to 40% faster than PCIe 3.0 SSDs<sup>3</sup>, you'll notice the performance improvement.

**High-Quality 3D NAND in up to 4TB.** Cutting-edge NAND flash delivers the reliability and endurance you depend on in 500GB, 1TB, 2TB, or 4TB capacities.

**Built to Perform.** Enjoy an improved user experience thanks to the Lexar® NQ710 PCIe 4.0 SSD interface, NVMe protocol, and HMB and SLC cache technologies.

**Intelligent Power Management.** The Lexar® NQ710 PCIe 4.0 SSD offers smart power management, automatically adjusting power consumption according to the workload.

**Rigorously Tested.** All Lexar products undergo extensive testing in the Lexar Quality Labs, facilities with thousands of different cameras and digital devices to ensure performance, quality, compatibility, and reliability.

*For more than 27 years, Lexar has been a trusted leading global brand of memory solutions. Our award-winning lineup includes memory cards, USB flash drives, card readers, solid-state drives, and DRAM. With so many options, it's easy to find the right Lexar solution to fit your needs. Lexar products are available worldwide at major retail and e-tail stores. For more information or support, visit [www.lexar.com](http://www.lexar.com).*

### Product Highlights:

- Boost your system with PCIe 4.0 performance
- Read/write speeds up to 5000/4000MB/s<sup>1</sup>
- More than 40% faster than PCIe 3.0 SSDs<sup>3</sup>
- High-quality 3D NAND solution in up to 4TB capacity
- Better performance for an improved user experience thanks to PCIe 4.0 interface, NVMe protocol, and HMB and SLC cache technologies
- Smart power management automatically adjusts power consumption according to the workload

### Capacities:

**500GB**  
(up to 4400MB/s read, 1700MB/s write<sup>1</sup>)

**1TB**  
(up to 5000MB/s read, 3300MB/s write<sup>1</sup>)

**2TB**  
(up to 5000MB/s read, 4000MB/s write<sup>1</sup>)

**4TB**  
(up to 4850MB/s read, 4000MB/s write<sup>1</sup>)



Lexar Retail Sku	Capacity	Region	Single UPC Code	Inner Carton UPC Code	Inner Carton Qty
LNQ710X500G-RNNNG	500GB	Global	843367132287	10843367132284	10
LNQ710X001T-RNNNG	1TB		843367132294	10843367132291	
LNQ710X002T-RNNNG	2TB		843367132300	10843367132307	
LNQ710X004T-RNNNG	4TB		843367132317	10843367132314	
LNQ710X500G-RNNNU	500GB	North America	843367132324	10843367132321	
LNQ710X001T-RNNNU	1TB		843367132331	10843367132338	
LNQ710X002T-RNNNU	2TB		843367132348	10843367132345	
LNQ710X004T-RNNNU	4TB		843367132355	10843367132352	

<sup>1</sup>Up to 5000MB/s read transfer, up to 4000MB/s write. Speeds based on internal testing. Actual performance may vary.  
<sup>2</sup>TBW (terabytes written) values calculated using JEDEC client workload (JESD219) and vary by product capacity  
<sup>3</sup>Comparison based on internal testing. Actual performance may vary.

Lexar is not liable for any loss of data or images.

[Product page only]  
 Product appearance, performance, software offerings, and packaging may vary depending on ship date and available inventory.  
 Actual usable memory capacity may vary. 1GB equals 1 billion bytes.

[www.lexar.com](http://www.lexar.com)

©2023 All Rights Reserved. Information, products, specifications, and features are subject to change without notice. Neither Lexar nor Longsys is responsible for omissions or errors in typography or photography. Lexar, the Lexar logo, and all other Lexar trademarks are the property of Longsys Electronics (HK) Co., Ltd. or Shenzhen Longsys Electronics Co., Ltd. All other trademarks are property of their respective owners.

## Specifications

Form Factor	M.2 2280
Interface	PCIe Gen 4x4
Speed	500GB: sequential read up to 4400MB/s, write up to 1700MB/s <sup>1</sup> 1TB: sequential read up to 5000MB/s, write up to 3300MB/s <sup>1</sup> 2TB: sequential read up to 5000MB/s, write up to 4000MB/s <sup>1</sup> 4TB: sequential read up to 4850MB/s, write up to 4000MB/s <sup>1</sup>
Operating Temperature	0° to 70°C (32°F to 158°F)
Storage Temperature	-40° to 85°C (-40°F to 185°F)
Shock Resistant	1500G, duration 0.5ms, Half Sine Wave
Vibration Resistant	10~2000Hz, 1.5mm, 20G, 1 Oct/min, 30min/axis (X, Y, Z)
TBW	500GB: 170TBW, 1TB: 340TBW, 2TB: 680TBW, 4TB: 1360TBW <sup>2</sup>
MTBF	1,500,000 Hours
Dimensions (W x L x H)	80 x 22 x 2.45 mm / 3.15"x0.87"x0.10"
Weight	6g / 0.013 lbs

[www.lexar.com](http://www.lexar.com)

©2023 All Rights Reserved. Information, products, specifications, and features are subject to change without notice. Neither Lexar nor Longsys is responsible for omissions or errors in typography or photography. Lexar, the Lexar logo, and all other Lexar trademarks are the property of Longsys Electronics (HK) Co., Ltd. or Shenzhen Longsys Electronics Co., Ltd. All other trademarks are property of their respective owners.